AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID	CODE	PAGE OF	PAGES 3
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURG	CHASE REQ. NO.	5. PROJECT	NO. (If applic	
0001	08/04/97	FQ30207034510	0			
SUED BY CODE		7. ADMINISTERED BY	(If other than Iter	n 6) CODE		_
82 CONS/LGCC						
136 K Avenue Ste 1						
Sheppard AFB, Texas 76311-2739						
8. NAME AND ADDRESS OF CONTRACTOR (A	Vo., street, county, State a	nd ZIP Code)	(X) 9A. AMEND	MENT OF SOI	LICITATION N	0.
Garcia's Construction						
3125 Manchester			× F41612-97-R0210			
Wichita Falls, Tx 76305			9B. DATED (SEE ITEM 11)			
Wichita Patts, 1x 70303			07/15/97			
			10A. MODIF	ICATION OF	CONTRACT/O	RDER NO.
			10B, DATED	(SEE ITEM 1	3)	
CODE FACILITY CODE						
	EM ONLY APPLIES TO			SNC		
The above numbered solicitation is amended as	set forth in Item 14. The hour	and date specified for recei	ipt of Offers	is extended,	X is not e	extended.
Offer must acknowledge receipt of this amendment pr	ior to the hour and date specifi	ied in the solicitation or as a	amended, by one of t	he following me	ethods:	
(a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram which RECEIVED AT THE PLACE DESIGNATED FOR THE REVirtue of this amendment you desire to change an offe the solicitation and this amendment, and is received pr	includes a reference to the soli CEIPT OF OFFERS PRIOR TO T r already submitted, such chan	HE HOUR AND DATE SPEC ge may be made by telegra	mbers. FAILURE OF	YOUR ACKNOW IN REJECTION (VLEDGEMENT T OF YOUR OFFER	O BE
12. Accounting and Appropriation Data (If requi		to apecinica.				
13 THIS ITEM	APPLIES ONLY TO M	ODIFICATIONS OF	CONTRACTS/	ABNEBS		
	THE CONTRACT/OF					
(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT 10A.					CT ORDER NO.	IN ITEM
B. THE ABOVE NUMBERED CONTRACT/ORDER appropriation date, etc). SET FORTH IN ITEM			GES (such as changes	s in paying offic	e,	<u>.</u>
C. THIS SUPPLEMENTAL AGREEMENT IS ENTER	RED INTO PURSUANT TO AUT	HORITY OF:				
D. OTHER (Specify type of modification and auth	ority)					
E. IMPORTANT; Contractor is not,	is required to sign this do	cument and return	copies to	the issuing offi	ice.	
14. DESCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF s.	ection headings, includir	ng solicitation/com	tract subject r	natter where i	easible.)
Solicitation entitled "Mechanical Utility		ootion moralingo, moralin	.9			000,0.0.,
•	Systems ID/IQ.					
Project VNVP 971100.						
Amendment is made per the attached pa	_					
Proposal due date is unchanged. Propo	osals due 14 Aug 97 - 4:	30 P.M.				
Except as provided herein, all terms and conditi force and effect.	ons of the document refere	enced in Item 9A or 10A	A, as heretofore ch	anged, remair	ns unchanged	and in full
15A. NAME AND TITLE OF SIGNER (Type or pr	16A. NAME AND TI	16A. NAME AND TITLE OF SIGNER (Type or print)				
	-					
CONTRACTOR FERENCE	15C. DATE SIGNED	16B. UNITED STATE	ES OF AMERICA		16C. DATE	SIGNED
June III Lacua		BY				
(Signature of person authorized to sign)	— 14 Aug 97		ure of Contracting O	fficer)		
NSN 7540-01-152-9070 PREVIOUS EDITION UNUSABLE	Created using Pe	erForm Pro software.		STANDARD FO	DRM 30 (REV. 1	0-83)

Prescribed by GSA FAR (48 CFR) 53.243

AMENDMENT 0001 4 August 1997 "Mechanical Utility Systems ID/IQ"

F41612-97-R0210

- A. Statement of Work, Section 02811, add page 9 of 13 which was not included in the SOW.
- B. Delete SF 1442, page 1 of 80, and replace with revised page 1 of 80, attached. Revised page changes block 5, Requisition No. from "FQ302070315100" to "FQ302070345100".
- C. Delete Page 10 of 80 and replace with revised page 10 of 80, attached. Change is made to eliminate Bid Item 0225, Per Diem/Man/Day.
- D. Delete Page 17 of 80 and replace with revised page 17 of 80, attached. Change is made to eliminate Bid Item 1225, Per Diem/Man/Day.
- E. Delete Page 24 of 80 and replace with revised page 24 of 80, attached. Change is made to eliminate Bid Item 2225, Per Diem/Man/Day.
- F. Delete page 31 of 80 and replace with revised page 31 of 80, attached. Change is made to eliminate Bid Item 3225, Per Diem/Man/Day.
- G. Delete page 38 of 80 and replace with revised page 38 of 80, attached. Change is made to eliminate Bid Item 4225, Per Diem/Man/Day.
- H. Delete page 39 of 80 and replace with revised page 39 of 80, attached. Revised page adds information concerning minimum and maximum amounts for basic and option years.
- I. Delete page 48 of 80 and replace with revised page 48 of 80, attached. Revised page changes Contract Clause I-195, FAR 52.219-9, paragraph (c) from "not to exceed 60 months" to "not to exceed 66 months".
- J. Delete pages 49 through 62 of 80 and replace with revised pages 49 through 62 of 80, attached. Revised pages include the following:
 - (1) Adds Contract Clause I-225 as follows:

I-225 FAR 52.219-18 NOTIFICATION OF COMPETITION JAN 1997
LIMITED TO ELIGIBLE 8(a)
CONCERNS
(IAW FAR 19.811-3(d))

(2) Adds Contract Clause I-225C as follows:

I-225C FAR 52.219-18 ALTERNATE I NOV 1989 (IAW FAR 19.811-3(D)(1))

- (3) Changes date of Contract Clause I-293, FAR 52.223-3, from "JUL 1995" to "JAN 1997".
- (4) Changes date of Contract Clause I-387, FAR 52.232-5, from "APR 1989" to "MAY 1997".
- (5) Changes date of Contract Clause I-415, FAR 52.232-27, from "MAR 1994" to "MAY 1997".
- (6) Changes date of Contract Clause IA-10, DFARS 252.201-7000, from "DEC 1991" to "JUN 1997".
 - (7) Deletes Contract Clause IA-20, DFARS 252.203-7000.
- (8) Changes date of Contract Clause IA-293, DFARS 252.225-7012, from "NOV 1995" to "DEC 1997".
 - (9) Deletes Contract Clause IA-425, DFARS 252.233-7000.
- (10) Changes Contract Clause IB-320 from "AFFARS 5352.210-9000" to "AFFARS 5352.223-9000".
- K. Delete page 68 of 80 and replace with revised page 68 of 80, attached. Revised page changes date of provision K-75C, FAR 52.219-1, from "DEC 1996" to "JAN 1997". In paragraph (b)(1), revised clause eliminates words "and certifies".
- L. Delete pages 69 and 70 of 80 and replace with revised pages 69 and 70, attached. Revised pages change date of provision K-79C from "JUL 1991" to "JAN 1997". Change is also made to paragraph (b) which changes word "certified" in first line to "represented".
- M. Delete page 74 of 80 and replace with revised page 74 of 80, attached. Revised page changes date of provision K-240, DFARS 252.219-7000, from "APR 1994" to "JUN 1997".
- N. Delete page 80 of 80 and replace with revised page 80 of 80, attached. Revised page eliminates Clause M-601, AETCFAR 5352.215-9002.
- O. Proposal submittal date is not changed. Proposals are due by 4:30 P.M. on 14 August 1997.
- P. All other terms and provisions are unchanged.

F41612 97 D0008

Tapping sleeves, service cut off valves, and connections to water supply mains shall be in accordance with Section 02660, WATER LINES.

2.10 INSULATING JOINTS

Insulating joints and dielectric fittings shall be in accordance with Section 02660, WATER LINES.

PART 3 EXECUTION

3.1 INSTALLATION

Sprinkler system shall be installed after site grading has been completed. Excavation, trenching, and backfilling for sprinkler system shall be in accordance with the applicable provisions of Section 02222, EXCAVATION, TRENCHING, AND BACKFILLING FOR UTILITIES SYSTEMS, except as modified herein.

3.1.1 Trenching

Trench around roots shall be hand excavated to pipe grade when roots of 2 inches) diameter or greater are encountered. Trench width shall be 4 inches minimum or 1-1/2 times diameter of pipe, whichever is wider. Backfill shall be hand tamped over excavation. When rock is encountered, trench shall be excavated 4 inches deeper and backfilled with silty sand (SM) or well-graded sand (SW) to pipe grade. Trenches shall be kept free of obstructions and debris that would damage pipe. Subsoil shall not be mixed with topsoil. Existing concrete walks, drives and other obstacles shall be bored at a depth conforming to bottom of adjacent trenches. Pipe sleeves for bored pipe shall be two pipe diameters larger than sprinkler pipe.

3.1.2 Piping System

3.1.2.1 Cover

Underground piping shall be installed as to meet the minimum depth of backfill cover specified.

3.1.2.2 Clearances

Minimum horizontal clearances between lines shall be 4 inches for pipe 2 inches and less; 12 inches for 2-1/2 inches and larger. Minimum vertical clearances between lines shall be 1 inch.

3.1.2.3 Minimum Slope

Minimum slope shall be 6 inches per 100 feet in direction of drain valves.

SEC 02811 9 of 13

VNVP 971100

P. 02 Aug-14-97 07:31A 82 CC E/LGCC 97 8 0 0 0a PAGES 1. CONTRACT ID CODE PAGE AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 4. REQUISITION/PURCHASE REQ. NO. | 6. PROJECT NO. (If applicable) 3. EFFECTIVE DATE 2. AMENDMENT/MODIFICATION NO. FQ302070345100 08/14/97 7. ADMINISTERED BY (If other than Item 6) CODE UED BY CODE 82 CONS/LGCC 136 K Avenue Ste 1 Sheppard AFB, Texas 76311-2739 1X) 9A. AMENDMENT OF SOLICITATION NO. 3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Garcia's Construction F41612-97-R0210 98. DATED (SEE ITEM 11) 3125 Manchester 07/15/97 Wichita Falls, Tx 76305 10A, MODIFICATION OF CONTRACT/ORDER NO. 10B, DATED (SEE ITEM 13) FACILITY CODE 3GOC 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour end date specified for receipt of Offers is extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer a) By completing Items 8 and 15, and returning DIDMITTED BY SEPERATE LETTER OF VOIR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to he solicitation and this emandment, and is received prior to the opening hour and data specified. 12. Accounting and Appropriation Data (If required) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES IS uch as changes in paying office. appropriation date, etc. SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43,103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF D. OTHER (Specify type of modification and authority) MPORTANT: Contractor is not, is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Solicitation entitled "Mechanical Utility Systems ID/IQ". Project VNVP 971100. Amendment is made per the attached pages. Proposal due date is changed to 19 AUGUST 1997- 4:30 P.M. Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF SIGNER (Type or print) Jimmie M. Garcia, President

Created using PerForm Pro software

15C. DATE SIGNED

19 Aug 97

CONTRACTOR/OFFEROR

NSN 7540-01-152-9070

PREVIOUS EDITION UNUSABLE

(Signature of person authorized to sign)

MILLIA

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

16C. DATE SIGNED

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

AMENDMENT 0002 14 August 1997
"Mechanical Utility Systems ID/IQ"

F41612-97-R0210

- A. The following correction should be made to paragraph J of Amendment 0001: Paragraph should show deletion of pages 49 through 61 instead of pages 49 through 62.
- B. The following responses are provided to questions which have been asked:
- (1) Q. Statement of Work, paragraph 2.4, states that the unit price for piping shall include soil testing and tranch protection to a depth of 10 feet. It also states that, for depths greater than 10 feet, there will be a different line item. Are costs for density testing to be a different line item? Are costs for density testing to be included in the price per foot of piping or in line Item No. 0223, Soil Density Testing? OSHA requires trench protection starting at 5 feet in depth. Are we to assume that we are to include cost for trench shoring in the price per foot of piping up to 10 feet in depth? Also there are no line items for piping installed deeper than 10 feet.
- A. Line items 0186 and 0187 cover depths greater than 10 feet. Line item 0223 is used for soil density testing. The cost of trench shoring shall be included in the price per foot of piping over 5 feet in depth.
- (2) Q. Are water main fittings for pipe 4" through 12" to be PVC or ductile iron?
 - A. Water main fittings for pipe 4" through 12" is PVC.
 - (3) Q. Does the price for water valves include the valve box?
 - A. Valve box is a separate line item.
- (4) Q. Line item 0106 is shown to be an 8" gate valve. Is this supposed to be an 8" poly plug valve? Is the valve box included in this line item? This question also applies to line items 0013, 0120, 0128, 0136, and 0141.
- A. Line items 0013, 0106, 0120, 0128, 0136, and 0141 are to be poly plug valves. Valve boxes shall be priced separately.

- (5) Q. Meter boxes are shown in two places, line items 0070 and 0156. What is the size and material for the meter box?
- A. Delete line item 0070. Meter box shall be cast iron. The size will depend on the job.
- (6) Q. Line items 0124 and 0131 are shown to be 4" and 3" check valves for gas distribution. Since these are not shown in the specifications, what is required?
 - A. Delete line items 0124 and 0131.
 - (7) Q. What sizes are line items 0220 and 0221?
- A. Being limited to one line item precluded specifying any line size. These sizes will be job dependent. Suggest picking a "typical" size, based on experience, for pricing.
- (8) Q. Division 16 of the specifications refers to cathodic protection for valves, piping, and castings. Where do we apply the costs for this work?
- A. Add cathodic protection (sacrificial anode system) as line item 0225.
- (9) Q. What size are the transition fittings shown on line item 0216?
- A. Size of transition fittings will be job dependent. Suggest using an average price for such fittings.
- (10) Q. In the past a licensed plumber was required to be on site during the installation of water, sewer, and gas lines. Will this be a requirement for this contract?
- A. Add the following to Section 01000, paragraph 3.3.6: "A licensed plumber is required to be on site during the installation of any natural gas, water, or sewer line."
- (11) Q. Section 01000, paragraphs 2.3 and 2.4, outline what is required for the installation of specific utilities including material, labor, equipment, etc. Do these items include excavation? If so, what is the purpose of line items 183, 184, and 185?
- A. Excavation for utilities will be priced using separate line items. Excavation is not included in the price for pipe.

- (12) Q. Section 02733, paragraph 1.0, specifically covers cured-in-place liner. Can other approved methods of rehabilitation be substituted for this process such as pipe bursting or slip lining?
- A. Only those methods specified can be used for pipe rehabilitation at this time.
- (13) Q. Section 16640, paragraph 1.2.1, refers to cathodic protection for underground metal piping. The majority of work outlined in this project proposal is PVC or polyethylene piping with the exception of valves and fittings. What extent does this section cover? Do all valves and fittings require cathodic protection and the services of a corrosion engineer?
- A. The cathodic protection section is included for several reasons -- one being if areas under cathodic protection were disturbed during utility replacement, they would need to be repaired. Another is the requirement to put cathodic protection on fire hydrants as detailed and other places where the pipe is PVC and the valve or fitting is not. A certification of the installation by a corrosion engineer would be sufficient.
- C. All comments above apply to basic year and all option years.
- D. Delete pages 5, 7, 10, 12, 14, 17, 19, 21, 24, 26, 28, 31, 33, 35, and 38 and replace with revised pages 5, 7, 10, 12, 14, 17, 19, 21, 24, 26, 28, 31, 33, 35, and 38, attached.
- E. Proposal due date is changed to 19 August 1997, 4:30 P.M.
- F. All other terms and conditions are unchanged.

P.02

AMENDMENT 0003 9 September 1997 "Mechanical Utility System ID/IQ" F41612-97-R0210

- A. The purpose of this amendment is correct SF 1442 and to request Best and Final Offers.
- B. SF 1442, block 11, change to read:

"The Contractor shall begin performance within 2 calendar days and complete it within 365 calendar days after receiving <u>award</u>."

- C. Discussions are hereby concluded. Offerors shall submit their Best and Final Offers for all aspects of their proposal, not later than 4:00 P.M., 11 September 1997. Offerors should acknowledge this amendment regardless of whether any revisions are submitted. Amendments/revisions received after this time/date will be handled as "late" in accordance with FAR 52.215-10.
- D. Offerors should submit two copies of any schedule or price proposal changes. Any changes should be identified as the government does not intend to reopen discussions at this time. BID SCHEDULE CHANGES MUST BE SUPPORTED BY PRICE PROPOSAL CHANGES.
- E. Part I, Section B, pages 4 through 38, are provided for offerors to revise their prices. All line item quantities must be multiplied by unit price to reach estimated amount. No revisions/corrections will be permitted after Best and Final Offers are received.